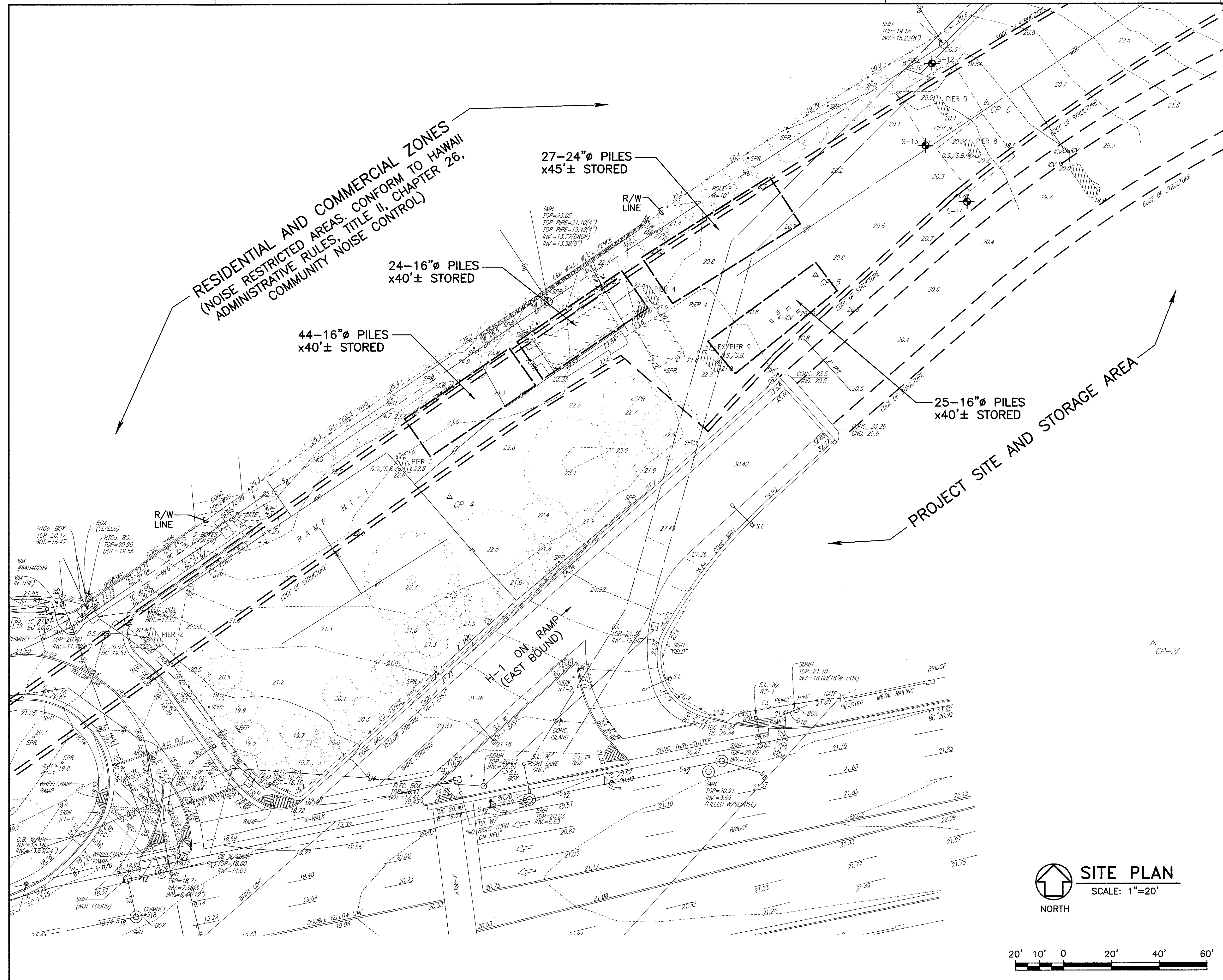
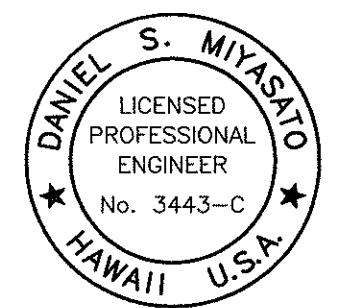


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-H1-1(226)	2003	9	36



NOTES:

UPON COMPLETION OF THE CONSTRUCTION WORK, REMOVE AND DISPOSE OF OFFSITE ALL SURPLUS PILES AND CUT-OFF LENGTHS OF PILES, OTHER CONSTRUCTION MATERIALS AND DEBRIS FROM BOTH THE PILES STORAGE SITES AND THE PROJECT SITE ACCORDING TO SUBSECTION 201.03 (B)-REMOVAL AND DISPOSAL OF MATERIAL. LEAVE THE ENTIRE PROJECT SITE RAKED CLEAN AND NEAT TO THE SATISFACTION OF THE ENGINEER (AT NO COST TO THE STATE).



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

2/18/03	ADDED NOTE
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>SITE PLAN 1</u> <u>INTERSTATE ROUTE H-1, SEISMIC RETROFIT</u> <u>KAPIOLANI INTERCHANGE, PHASE 2</u> <u>FAIP NO. BR-H1-1(226)</u> SCALE: 1"=20' DATE: SEPT 2002 SHEET NO. C6 OF 21 SHEETS	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN 1

INTERSTATE ROUTE H-1, SEISMIC RETROFIT
KAPIOLANI INTERCHANGE, PHASE 2

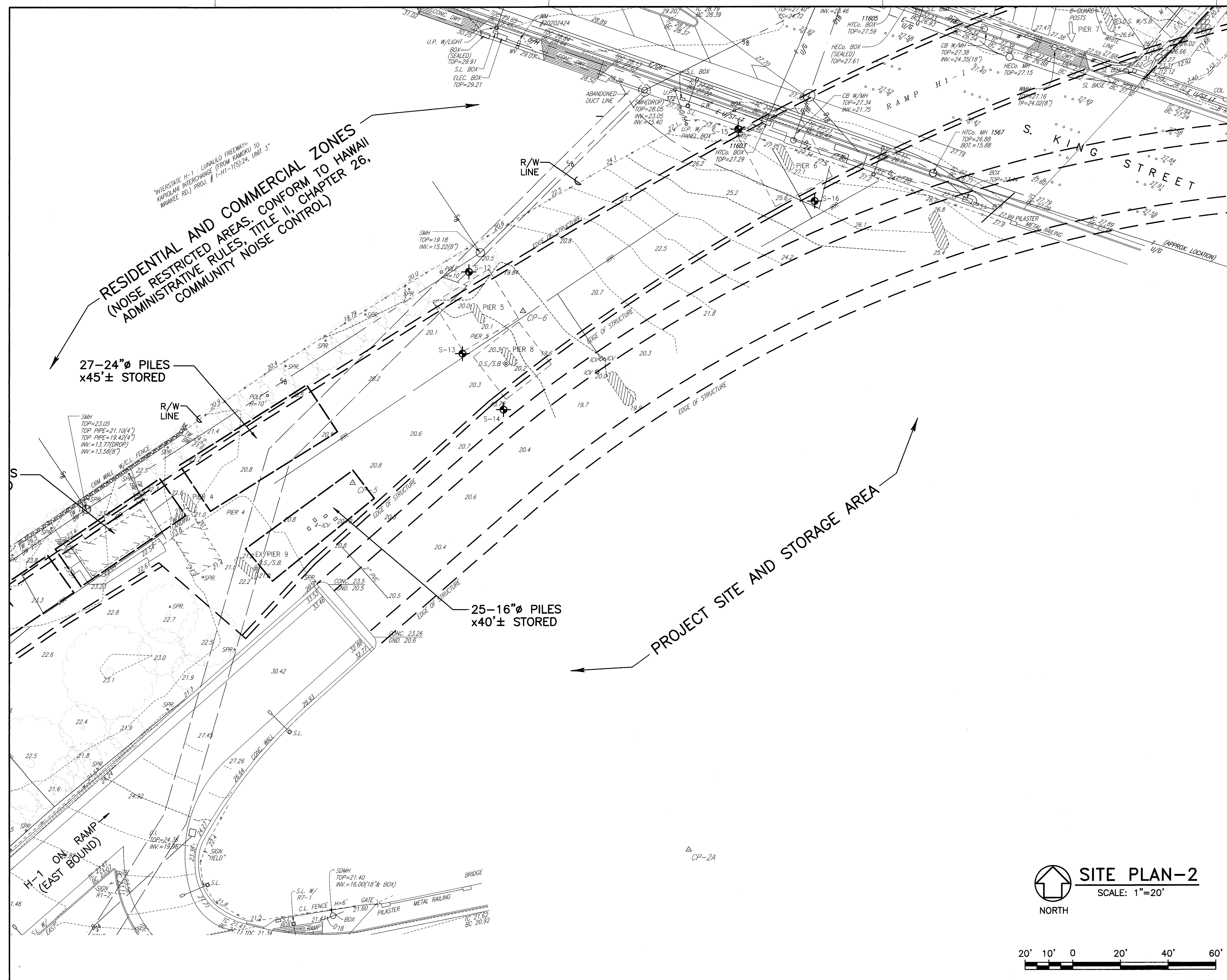
FAIP NO. BR-H1-1(226)

SCALE: 1"=20' DATE: SEPT 2001

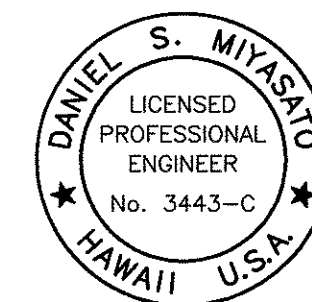
SHEET NO. C6 OF 21 SHEETS

ADD. 9

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
No.		



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-H1-1(226)	2003	10	36

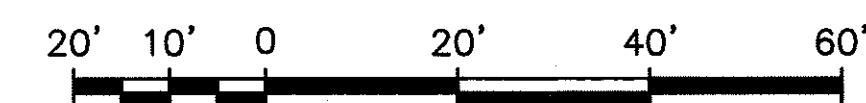


Daniel Miyasato
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION



SITE PLAN-2

SCALE: 1"=20'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN 2

INTERSTATE ROUTE H-1, SEISMIC RETROFIT
KAPIOLANI INTERCHANGE, PHASE 2

FAIP NO. BR-H1-1(226)

SCALE: 1"=20' DATE: SEPT 2002
SHEET NO. C7 OF 21 SHEETS

RESIDENTIAL AND COMMERCIAL ZONES
(NOISE RESTRICTED AREAS. CONFORM TO HAWAII ADMINISTRATIVE RULES, TITLE II, CHAPTER 26, COMMUNITY NOISE CONTROL)

PIER 19
RECONSTRUCT:
50 L.F. CURB & GUTTER
300 S.F. A.C. PAVT.
4500 (MATCH EXIST.)
L.S. RESTRIPE PAVT.
50 L.F. GUARD RAIL
L.S. HIGHWAY LIGHTING
CONDUIT RELOCATION
/REPLACEMENT
L.S. NEW SPRINKLER SYSTEM
(REPLACE OLD/EXISTING
(BEYOND REPAIR))

PIER 21

MANOA CANAL

EXISTING FLOODWAY

POSSIBLE CONTRACTOR STAGING AREA. SEE LANDSCAPE DRAWINGS

POST SPACING
@ 6'-3" CONT.
THREE BEAM
POST SPACING
@ 3'-1 1/2"
POST SPACING
@ 1'-6 3/4"
POST SPACING AS
CLOSE AS POSSIBLE
TO COLUMN
POST SPACING
@ 1'-6 3/4"

**DOUBLE NESTED
THREE BEAM RAIL
(SEE NOTE NO. 4)**

PIER	DIMENSION	TOP ELEVATION
21(R1)	18.0'x24.0'x6.0'	3.6'

EXISTING PILE CAP

FOR NEW PILE CAP DIMENSIONING, SEE SHT. S6.

6-INCH REINFORCED CONC. DRIVEWAY. ON S. KING ST.

RECORD DRAWING
The details, locations and other information shown are based on information provided by others. The design consultant cannot assume the accuracy and completeness of the information. The user of this drawing shall be responsible to verify its accuracy and completeness.

NOTE:

1. REMOVE APPROXIMATELY 50 L.F. OF EXISTING GUARDRAIL, ASPHALT CONCRETE AND CONCRETE PAVEMENT AT PIER 19. FURNISH AND INSTALL NEW GUARDRAIL AND RECONSTRUCT ASPHALT CONCRETE AND CONCRETE PAVEMENTS TO MATCH EXISTING AFTER RETROFIT OF PIER 19 FOOTING.
2. HIGHWAY LIGHTING CONDUIT SHALL BE RELOCATED/REPLACED AT PIER 19. LIGHTING CONDUIT IS PVC COATED GALVANIZED STEEL PIPE. DAMAGED CONDUIT SHALL BE REPLACED.
3. TO MINIMIZE INTERFERENCE WITH ADJACENT PROPERTY BUSINESS OPERATIONS, THE CONTRACTOR SHALL COORDINATE FOOTING RETROFIT WORK AT PIER 19 AND RELOCATION OF TREES AT PIER 18 WITH RALPH A. SCHRADER (PHONE 735-3576), DBA S&L PROPERTIES, 2909 WAIALAE AVENUE, #25, HONOLULU, HAWAII 96826, AT NO COST TO THE STATE.
4. GUARDRAIL INSTALLED ON RIGHT SHOULDER OF H-1 VIADUCT (INBOUND) NEAR PIER 19.

SITE PLAN-3
SCALE: 1"=20'

LEGEND FOR

- Squiggly
- Double line
- "X" for as
- Roadway
- Text for

JASON Y. KAGE
LICENSED PROFESSIONAL ENGINEER
No. 9930-C
HAWAII, U.S.A.

THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
04/30/10
EXPIRATION DATE OF THE LICENSE

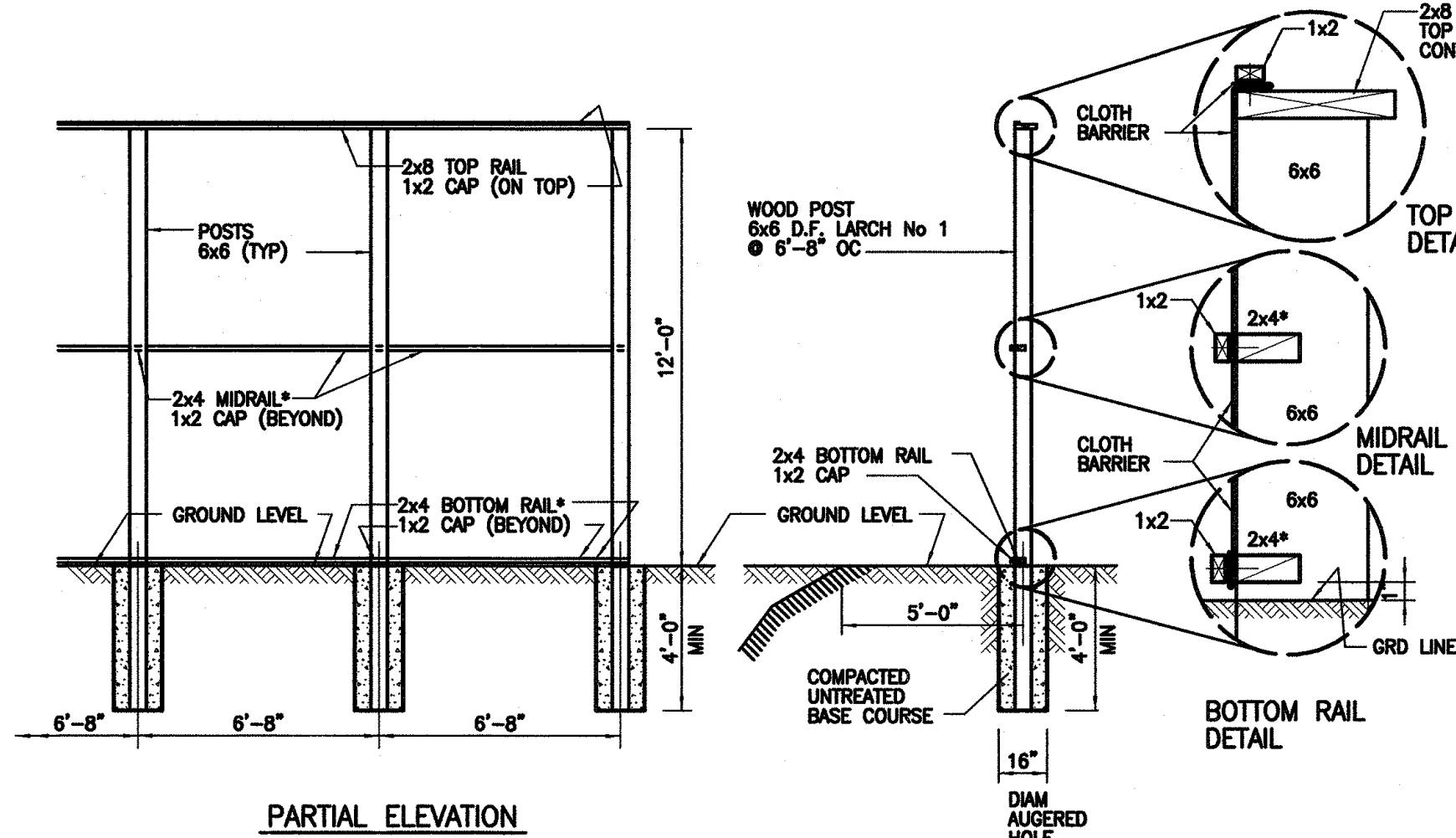
11

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-H1-1(226)	2003	12	36

LEGEND FOR AS-BUILT POSTINGS

- ~~~~~ Squiggly line for as-built deletion
=100.00= Double line for as-built deletion
"X" for as-built deletion
Roadway Text for as-built posting

RECORD DRAWING
The details, locations and other information shown are based on information provided by others. The design consultant cannot assure the accuracy and completeness of the information. The user of this drawing shall be responsible to verify its accuracy and completeness.



- NOTES:**
- CLOTH BARRIER NOT SHOWN IN FRONT VIEW.
 - CLOTH BARRIER TO BE A "GEOTEXTILE" OR "NURSERY SHADE".
 - LUMBER SIZE ARE NOMINAL INCHES.
 - 1x2 CLOTH BARRIER CAPS TO BE NAILED 12" OC.
 - BURLAP IS NOT ACCEPTABLE AS CLOTH BARRIER.
 - CLOTH TO HAVE NO HORIZONTAL SEAMS.
 - VERTICAL SEAMS TO BE MADE OVER UPRIGHTS ONLY.
 - ALL SEAMS TO BE CAPPED WITH MINIMUM OF 1x2.
 - ALL JOINTS TO BE SECURELY FASTENED BY MECHANICAL MEANS.
 - LUMBER SHALL BE APPROPRIATELY TREATED FOR PROTECTION AGAINST TERMITES & WEATHERING.
- * 2"x4" RAILS ARE BETWEEN POSTS.
DO NOT SLOT POSTS FOR 2"x4" RAILS.

DETAILS FOR SITE BARRIER (N.T.S.)

(BASED ON DESIGN WIND VELOCITY = 60mph)
SOIL COHESION = 300 psf (STIFF CLAYEY SILT OR SILTY CLAY)

SPRINKLER SYSTEM & GRASSING NOTES:

- CONTRACTOR SHALL RELOCATE EXISTING SPRINKLER SYSTEM (150 ± L.F.) TO CLEAR NEW FOUNDATION CONSTRUCTION AND REPLACE SPRINKLER SYSTEM AFTER COMPLETED.
- CONTRACTOR SHALL INSTALL 6" THICK TOP SOIL AND REGRASS TO MATCH EXISTING (1500± S.F.)

SEWER NOTE:

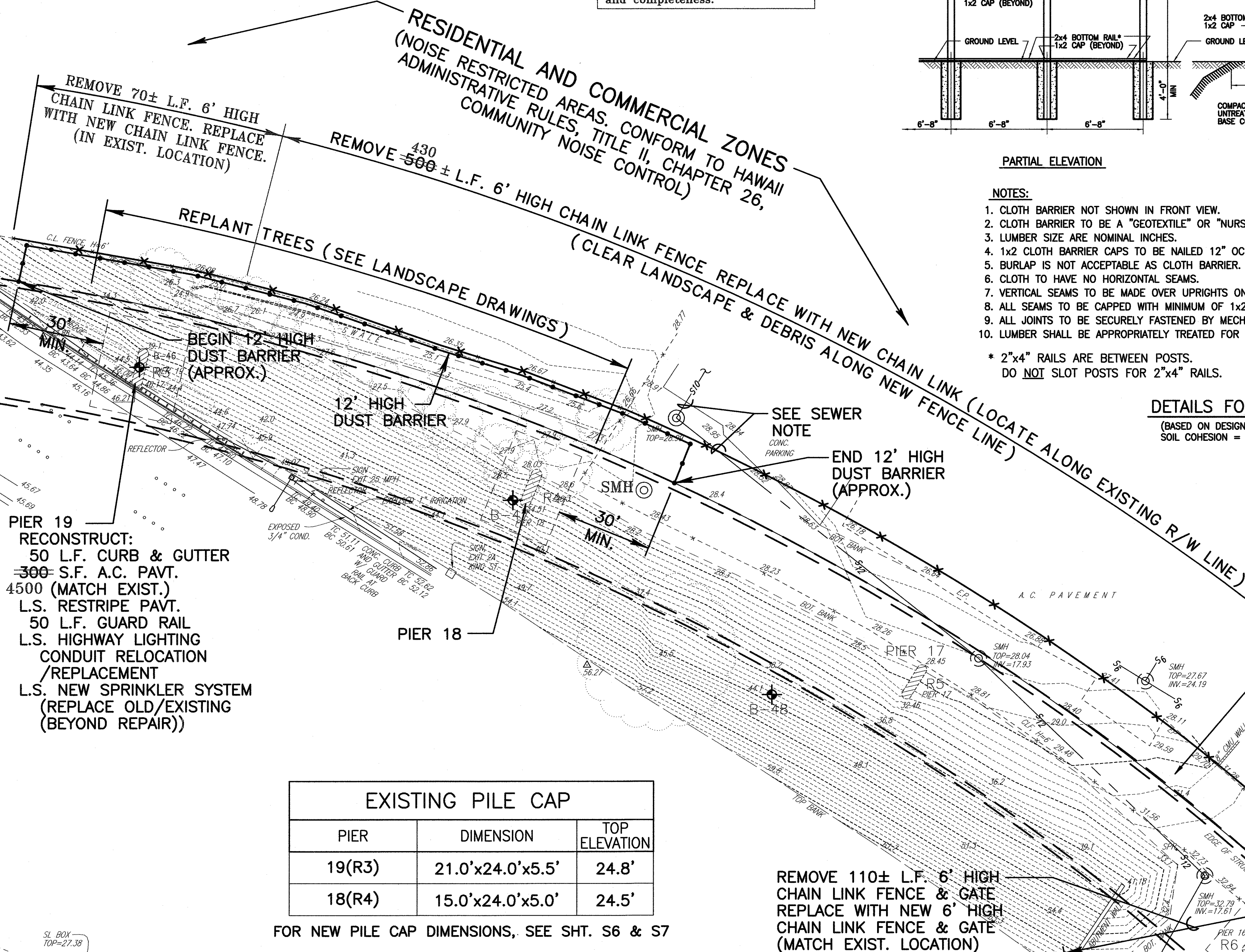
- CONTRACTOR SHALL VIDEO INSPECT THE EXISTING SEWER PIPES BEFORE AND AFTER CONSTRUCTION (PILE DRIVING) BY CLOSED CIRCUIT TELEVISION.
- PILE DRIVING AT PIER 18 WILL NOT BE ALLOWED UNTIL THE ENGINEER (STATE) AND THE CITY & COUNTY REVIEW THE VIDEO TAPE, EVALUATE THE CONDITION OF THE SEWER LINE, AND GIVE NOTICE TO PROCEED.

EXISTING R/W LINE NOTE:

- CONTRACTOR SHALL OBTAIN THE MOST RECENT RIGHT-OF-WAY MAPS FROM THE STATE AND ACCURATELY LOCATE THE RIGHT-OF-WAY LINE PRIOR TO INSTALLING DUST BARRIERS AND CHAIN LINK FENCE.

PIER 18 EXCAVATION NOTE:

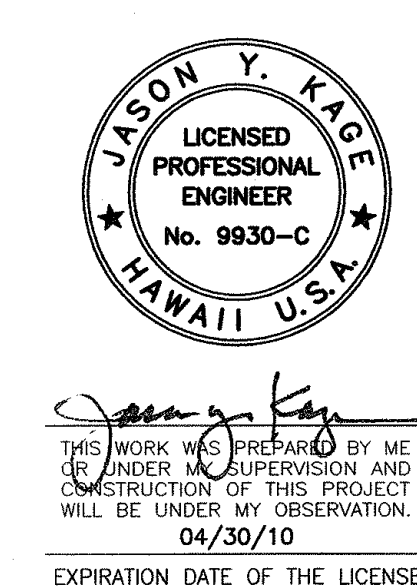
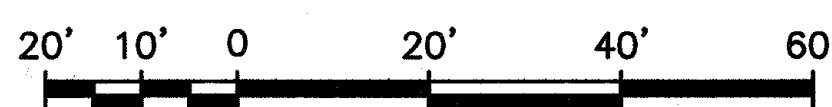
- CONTRACTOR SHALL BRACE EXISTING HIGHWAY SIGN FOOTING AND ALL EXISTING HIGHWAY IMPROVEMENTS, PRIOR TO EXCAVATING FOR FOOTING RETROFIT WORK. ALL WORK SHALL BE INCIDENTAL TO VARIOUS ITEMS IN THE CONTRACT. ANY DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPAIRED AT NO COST TO THE STATE.



EXISTING PILE CAP		
PIER	DIMENSION	TOP ELEVATION
19(R3)	21.0'x24.0'x5.5'	24.8'
18(R4)	15.0'x24.0'x5.0'	24.5'

FOR NEW PILE CAP DIMENSIONS, SEE SHT. S6 & S7

SITE PLAN-4
SCALE: 1"=20'



2/18/03	ADDED PIER 18 NOTE
1/14/03	REVISED SITE PLAN & DETAILS FOR SITE BARRIER
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SITE PLAN 4	
INTERSTATE ROUTE H-1, SEISMIC RETROFIT KAPIOLANI INTERCHANGE, PHASE 2	
FAIP NO. BR-H1-1(226)	
SCALE: 1"=20'	DATE: SEPT 2002
SHEET NO. C9	OF 21 SHEETS

"AS-BUILT"

ADD. 12